

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051723\
 Data File : VX035705.D
 Acq On : 17 May 2023 10:06
 Operator : JC/MD
 Sample : VX0517MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517MBL01

Quant Time: May 18 04:38:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

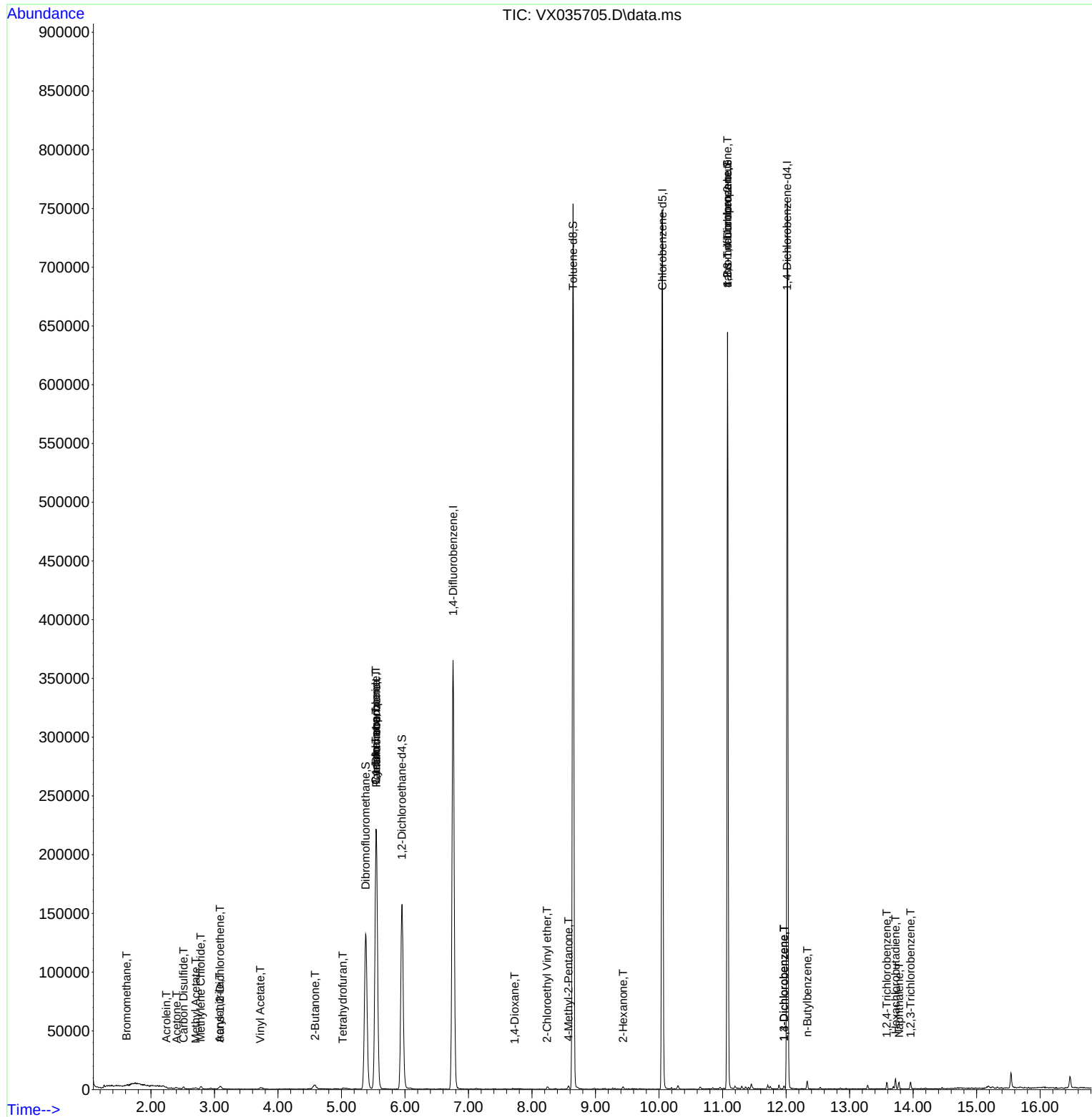
Internal Standards						
1) Pentafluorobenzene	5.550	168	188805	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	346760	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	317469	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	140381	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	160949	48.865	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.720%		
35) Dibromofluoromethane	5.379	113	114785	49.084	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.160%		
50) Toluene-d8	8.647	98	420970	48.728	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.460%		
62) 4-Bromofluorobenzene	11.079	95	170022	48.878	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.760%		
Target Compounds					Qvalue	
5) Bromomethane	1.618	94	324	0.236	ug/l #	80
13) Acrolein	2.239	56	476	0.690	ug/l	84
15) Acrylonitrile	3.081	53	1143	0.893	ug/l	91
16) Acetone	2.404	43	1589	1.122	ug/l	94
17) Carbon Disulfide	2.514	76	2043	0.403	ug/l	98
18) Methyl Acetate	2.703	43	1232	0.236	ug/l	98
20) Methylene Chloride	2.782	84	1032	0.402	ug/l #	75
21) trans-1,2-Dichloroethene	3.087	96	508	0.220	ug/l #	71
23) Vinyl Acetate	3.721	43	2735	0.438	ug/l #	91
25) 2-Butanone	4.587	43	1115	0.569	ug/l	97
29) Tetrahydrofuran	5.019	42	342	0.278	ug/l #	34
31) Cyclohexane	5.544	56	5227	1.256	ug/l #	16
36) 1,1-Dichloropropene	5.544	75	18388	4.981	ug/l #	50
38) Carbon Tetrachloride	5.544	117	22252	6.364	ug/l #	16
49) 1,4-Dioxane	7.726	88	243	5.306	ug/l #	67
51) 4-Methyl-2-Pentanone	8.574	43	1922	0.497	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.238	63	966	0.458	ug/l	92
59) 2-Hexanone	9.433	43	1311	0.450	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	94130	27.413	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	94130	88.348	ug/l #	8
87) 1,3-Dichlorobenzene	11.969	146	1070	0.210	ug/l	95
88) 1,4-Dichlorobenzene	11.969	146	1070	0.208	ug/l	95
89) n-Butylbenzene	12.335	91	2209	0.241	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	1308	0.435	ug/l	98
94) Hexachlorobutadiene	13.725	225	952	0.798	ug/l	81
95) Naphthalene	13.780	128	3854	0.374	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	1243	0.420	ug/l	97

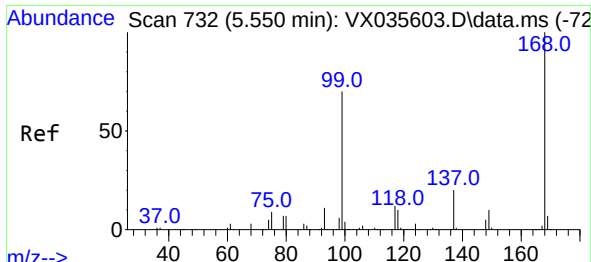
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051723\
Data File : VX035705.D
Acq On : 17 May 2023 10:06
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Sample : VX0517MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: May 18 04:38:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration

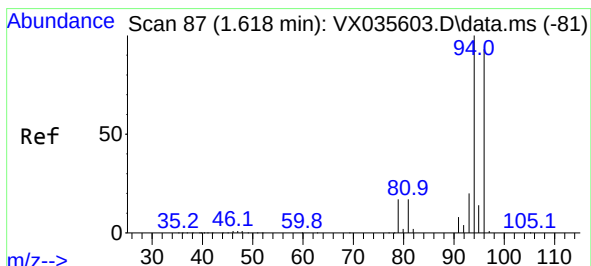
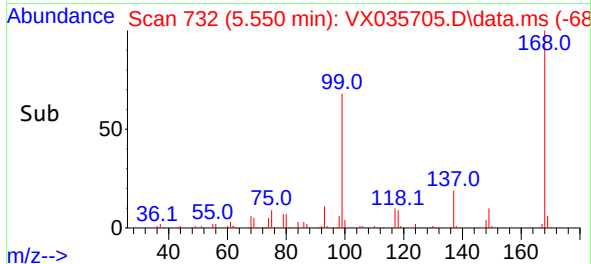
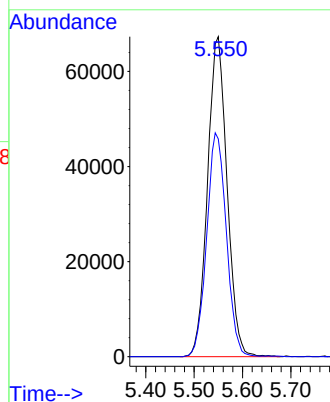
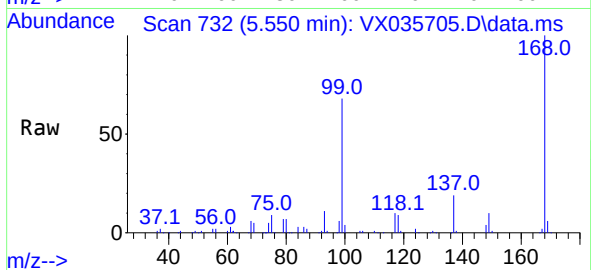




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035705.D
Acq: 17 May 2023 10:06

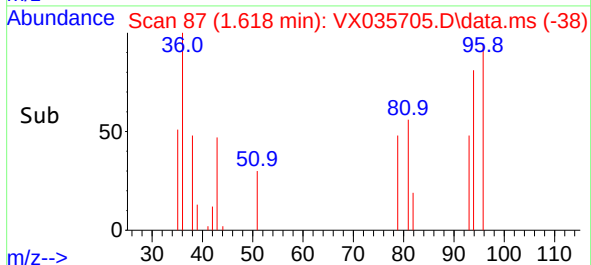
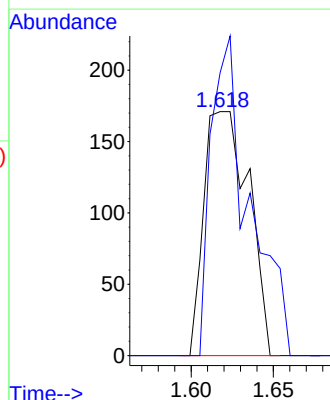
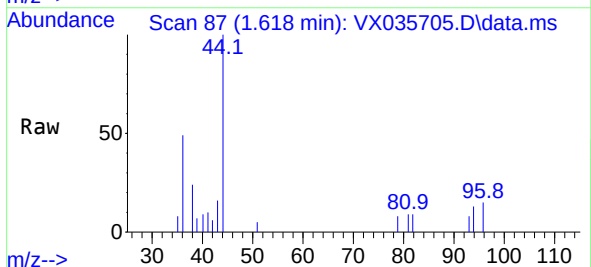
Instrument :
MSVOA_X
ClientSampleId :
VX0517MBL01

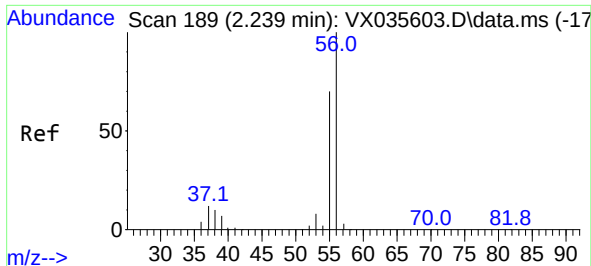
Tgt Ion:168 Resp: 188805
Ion Ratio Lower Upper
168 100
99 68.0 45.7 68.5



#5
Bromomethane
Concen: 0.236 ug/l
RT: 1.618 min Scan# 87
Delta R.T. -0.000 min
Lab File: VX035705.D
Acq: 17 May 2023 10:06

Tgt Ion: 94 Resp: 324
Ion Ratio Lower Upper
94 100
96 115.8 77.0 115.6#

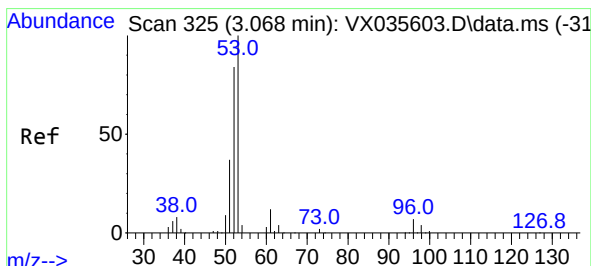
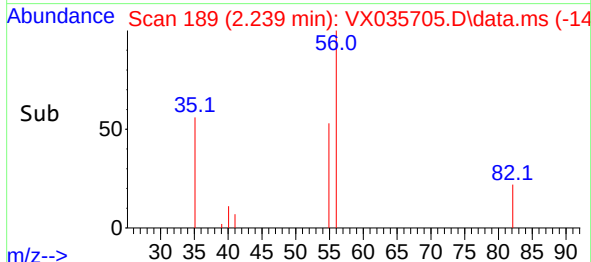
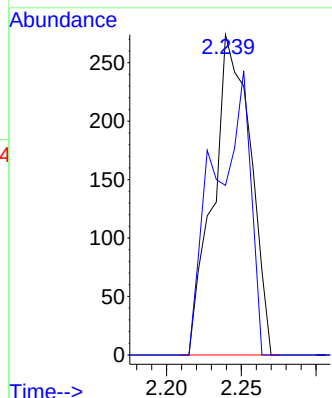
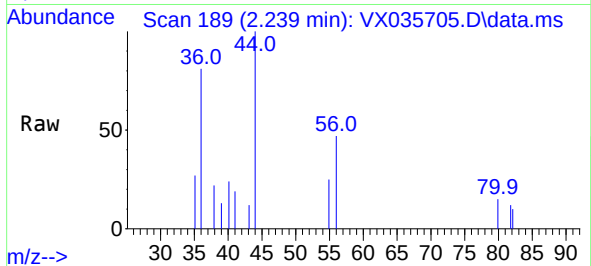




#13
Acrolein
Concen: 0.690 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035705.D
Acq: 17 May 2023 10:06

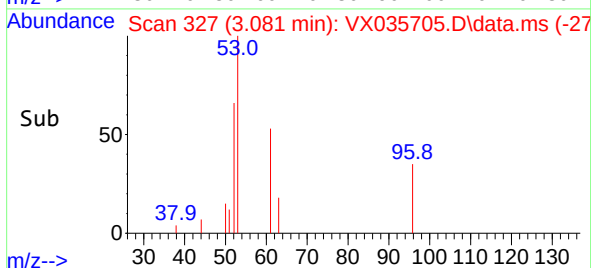
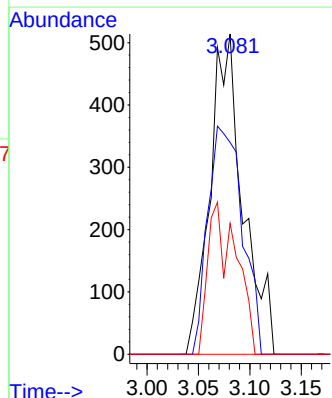
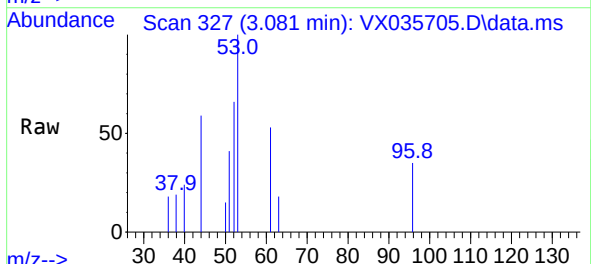
Instrument :
MSVOA_X
ClientSampleId :
VX0517MBL01

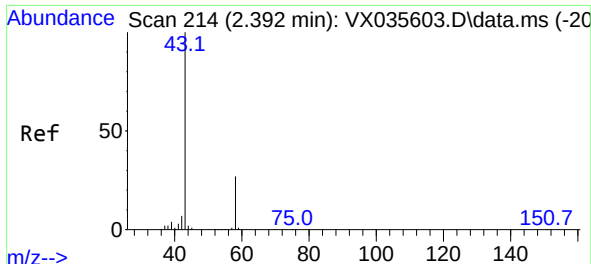
Tgt Ion: 56 Resp: 476
Ion Ratio Lower Upper
56 100
55 84.2 56.6 85.0



#15
Acrylonitrile
Concen: 0.893 ug/l
RT: 3.081 min Scan# 327
Delta R.T. 0.013 min
Lab File: VX035705.D
Acq: 17 May 2023 10:06

Tgt Ion: 53 Resp: 1143
Ion Ratio Lower Upper
53 100
52 75.1 66.2 99.2
51 40.8 28.3 42.5

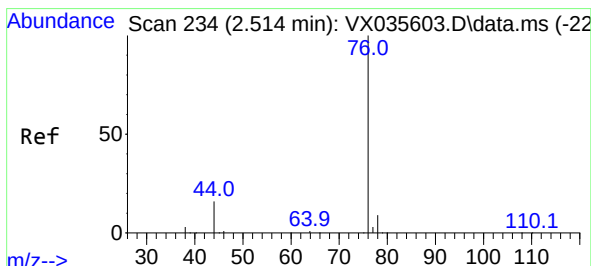
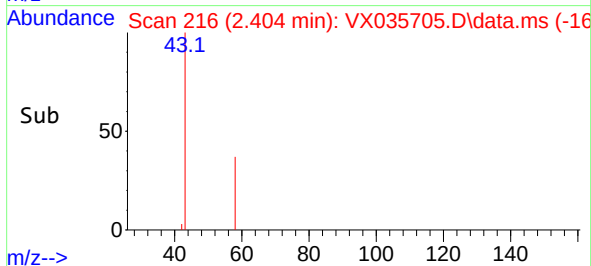
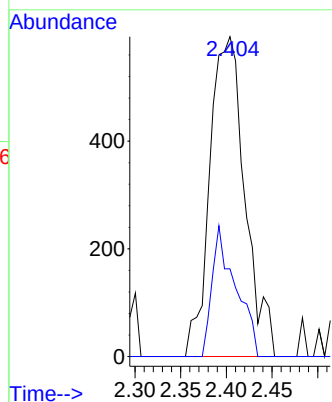
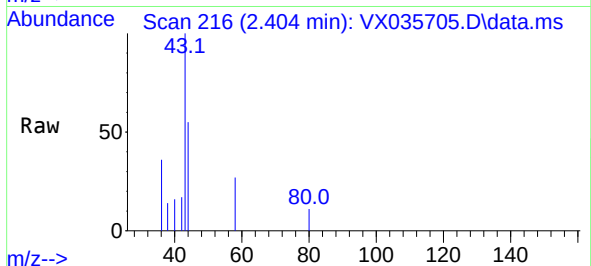




#16
Acetone
Concen: 1.122 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.012 min
Lab File: VX035705.D
Acq: 17 May 2023 10:06

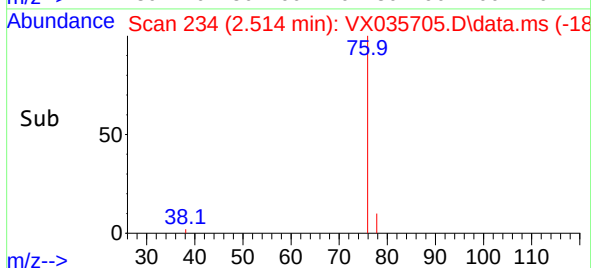
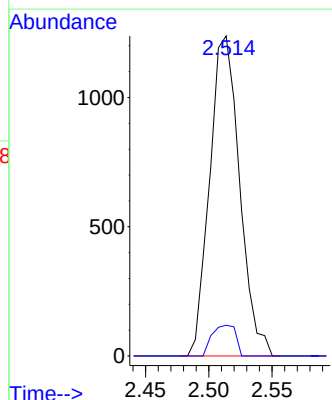
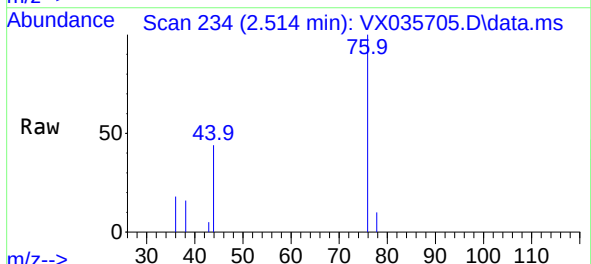
Instrument :
MSVOA_X
ClientSampleId :
VX0517MBL01

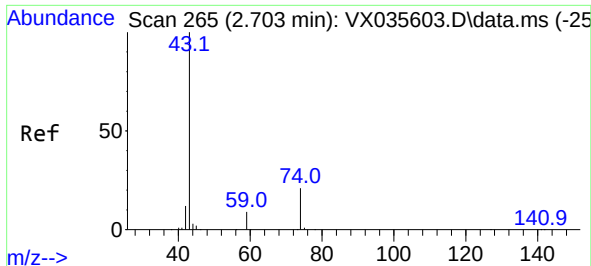
Tgt Ion: 43 Resp: 1589
Ion Ratio Lower Upper
43 100
58 27.4 24.7 37.1



#17
Carbon Disulfide
Concen: 0.403 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX035705.D
Acq: 17 May 2023 10:06

Tgt Ion: 76 Resp: 2043
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8

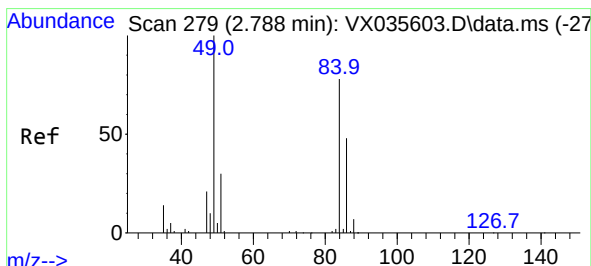
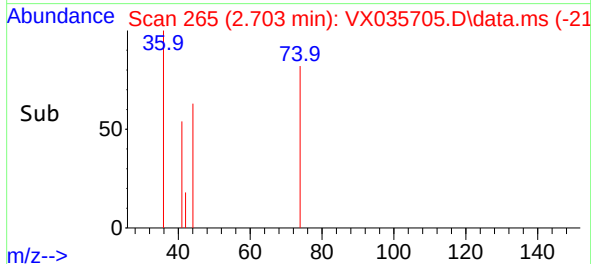
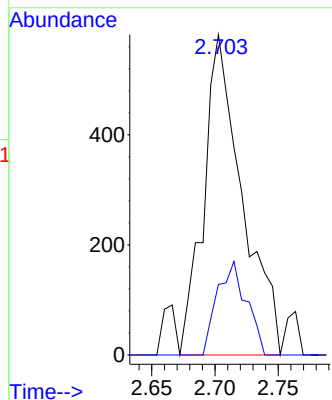
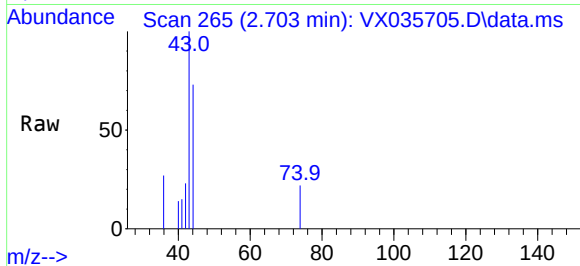




#18
Methyl Acetate
Concen: 0.236 ug/l
RT: 2.703 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX035705.D
Acq: 17 May 2023 10:06

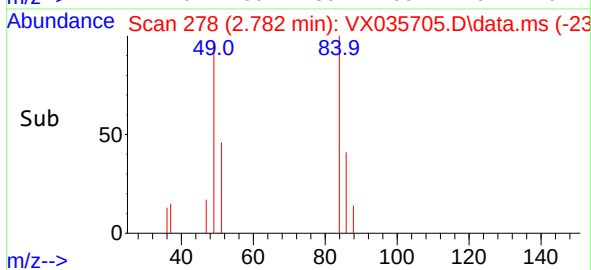
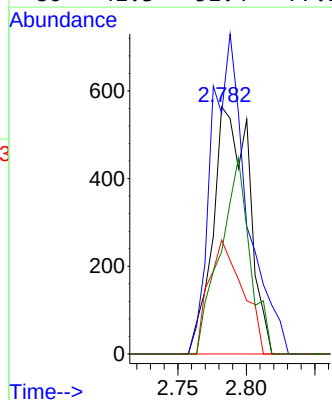
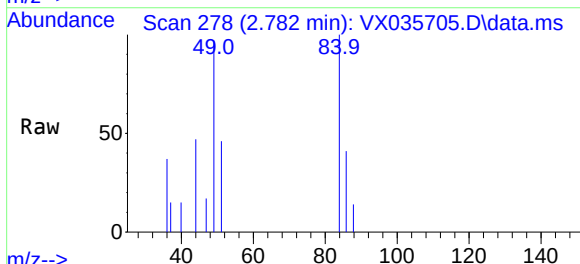
Instrument :
MSVOA_X
ClientSampleId :
VX0517MBL01

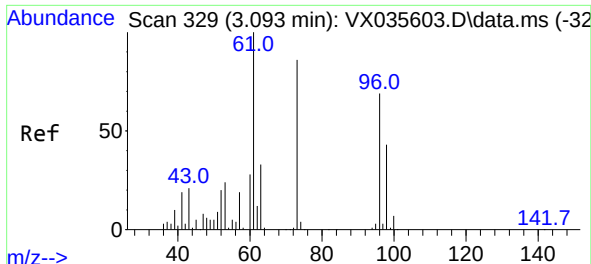
Tgt Ion: 43 Resp: 1232
Ion Ratio Lower Upper
43 100
74 22.1 18.3 27.5



#20
Methylene Chloride
Concen: 0.402 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX035705.D
Acq: 17 May 2023 10:06

Tgt Ion: 84 Resp: 1032
Ion Ratio Lower Upper
84 100
49 97.3 103.8 155.8#
51 46.1 31.8 47.8
86 41.3 51.4 77.2#

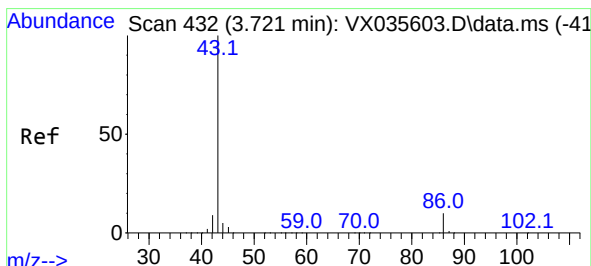
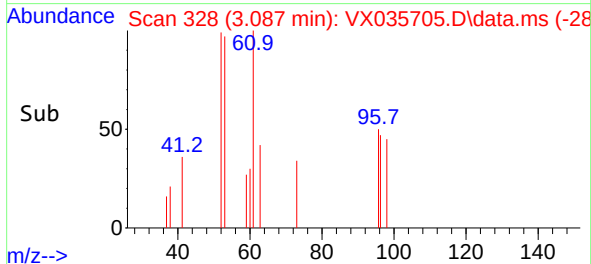
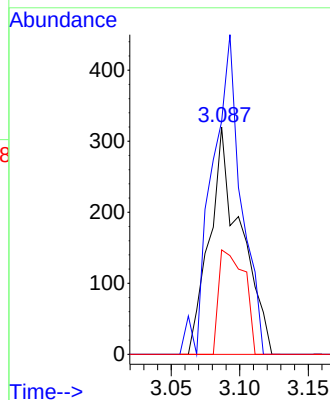
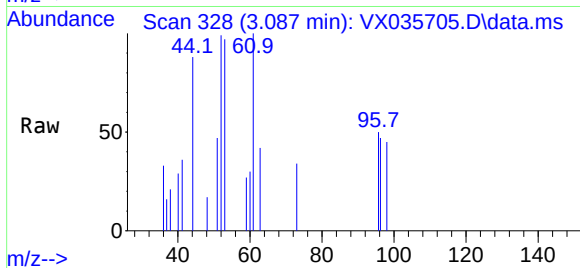




#21
trans-1,2-Dichloroethene
Concen: 0.220 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX035705.D
Acq: 17 May 2023 10:06

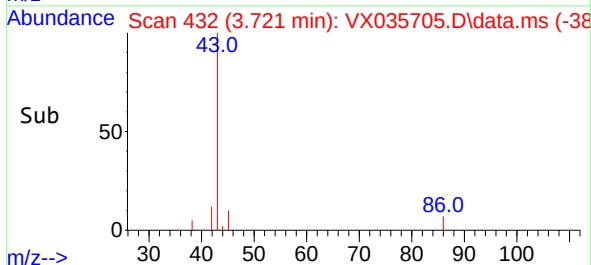
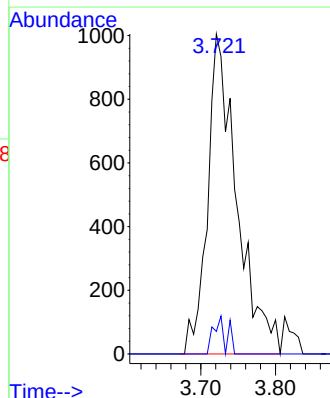
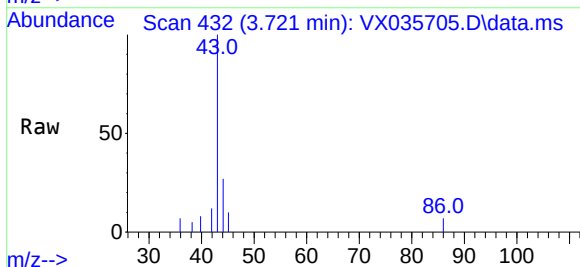
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ClientSampleId :
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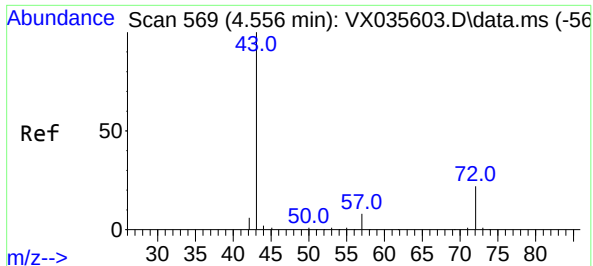
Tgt Ion: 96 Resp: 508
Ion Ratio Lower Upper
96 100
61 102.5 113.0 169.6#
98 45.9 52.1 78.1#



#23
Vinyl Acetate
Concen: 0.438 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX035705.D
Acq: 17 May 2023 10:06

Tgt Ion: 43 Resp: 2735
Ion Ratio Lower Upper
43 100
86 7.1 8.5 12.7#

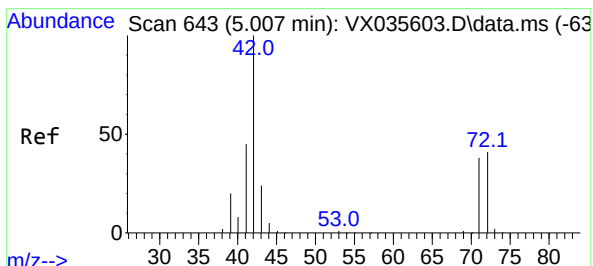
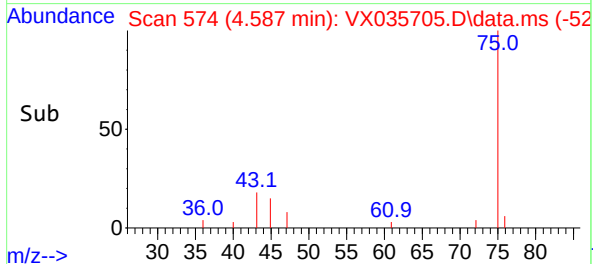
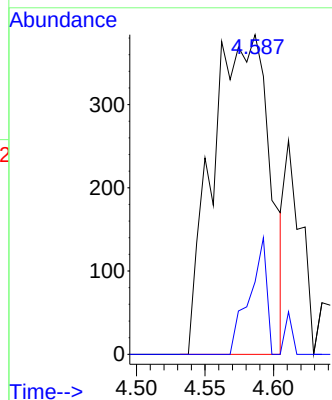
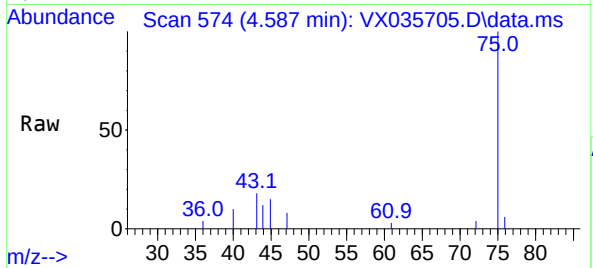




#25
2-Butanone
Concen: 0.569 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.031 min
Lab File: VX035705.D
Acq: 17 May 2023 10:06

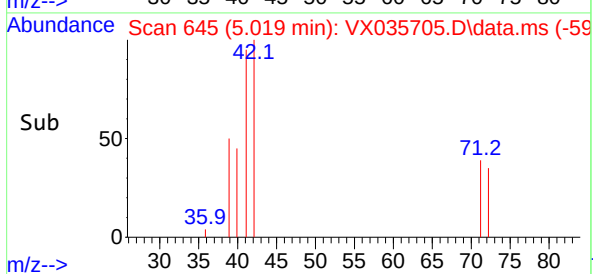
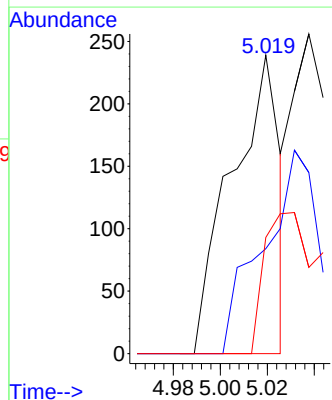
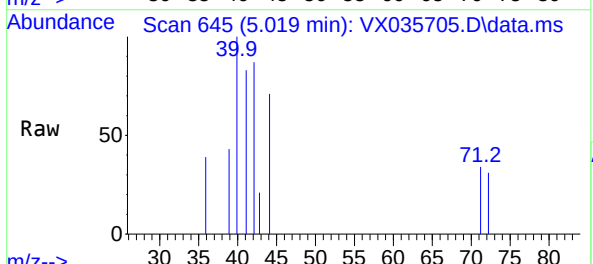
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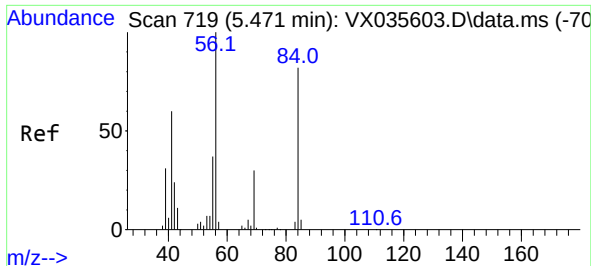
Tgt Ion: 43 Resp: 1115
Ion Ratio Lower Upper
43 100
72 22.7 19.3 28.9



#29
Tetrahydrofuran
Concen: 0.278 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.012 min
Lab File: VX035705.D
Acq: 17 May 2023 10:06

Tgt Ion: 42 Resp: 342
Ion Ratio Lower Upper
42 100
72 0.0 34.5 51.7#
71 0.0 32.1 48.1#

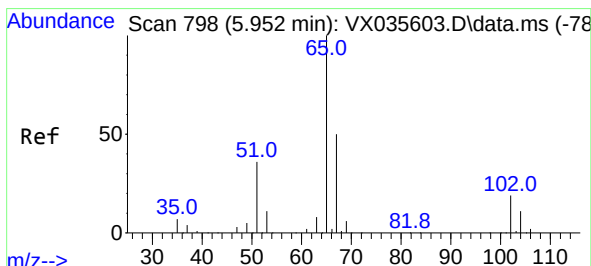
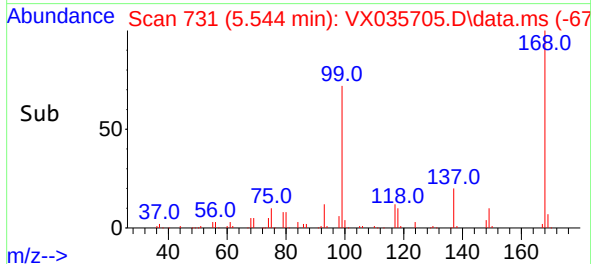
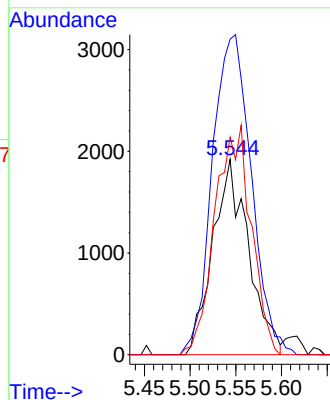
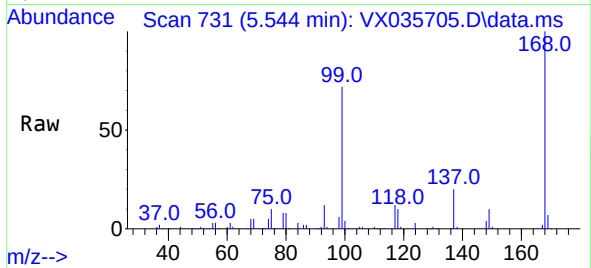




#31
Cyclohexane
Concen: 1.256 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX035705.D
Acq: 17 May 2023 10:06

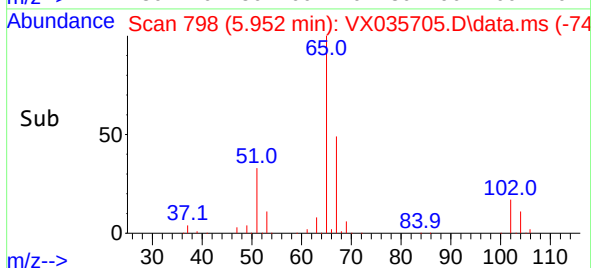
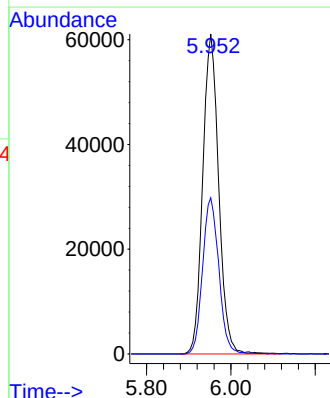
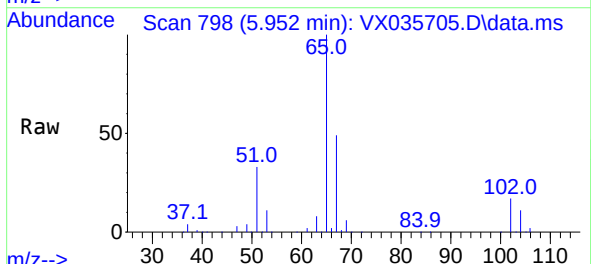
Instrument :
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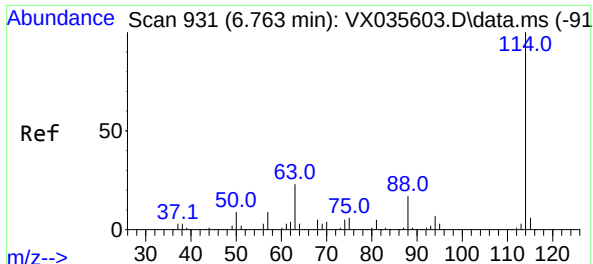
Tgt Ion: 56 Resp: 5227
Ion Ratio Lower Upper
56 100
69 161.5 23.7 35.5#
84 111.2 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 48.865 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX035705.D
Acq: 17 May 2023 10:06

Tgt Ion: 65 Resp: 160949
Ion Ratio Lower Upper
65 100
67 49.6 0.0 104.0

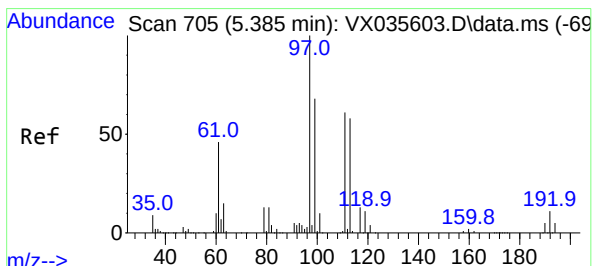
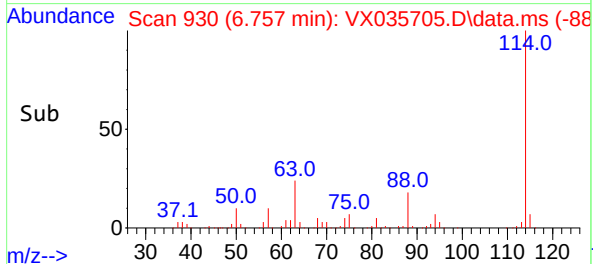
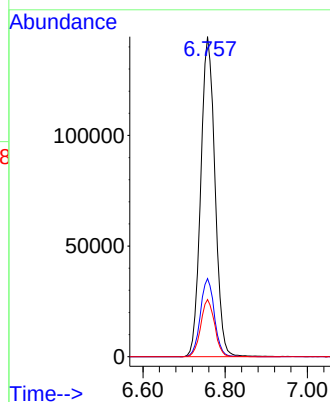
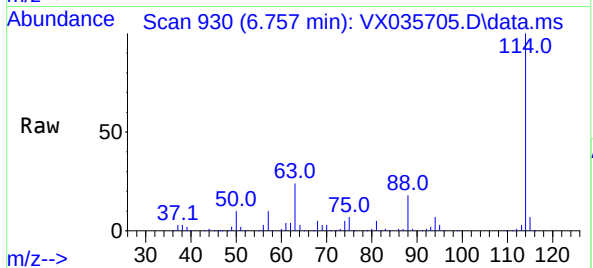




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX035705.D
Acq: 17 May 2023 10:06

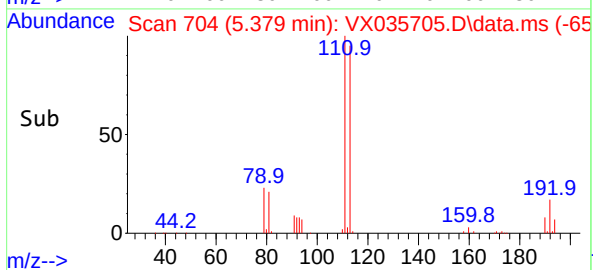
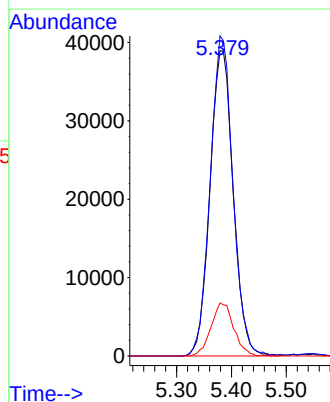
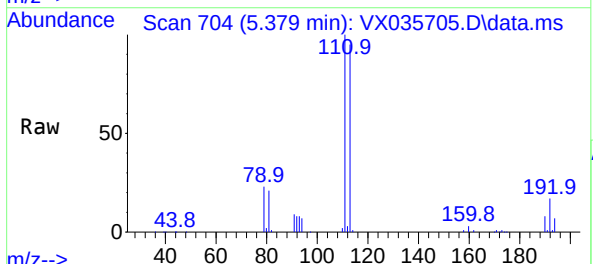
Instrument :
MSVOA_X
ClientSampleId :
VX0517MBL01

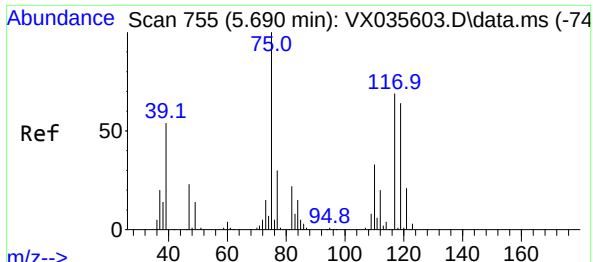
Tgt Ion:114 Resp: 346760
Ion Ratio Lower Upper
114 100
63 24.4 0.0 42.2
88 17.9 0.0 33.2



#35
Dibromofluoromethane
Concen: 49.084 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX035705.D
Acq: 17 May 2023 10:06

Tgt Ion:113 Resp: 114785
Ion Ratio Lower Upper
113 100
111 102.3 83.7 125.5
192 16.9 15.4 23.2

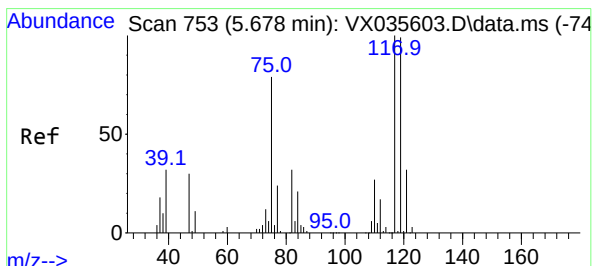
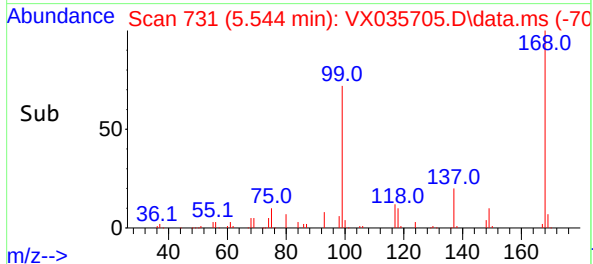
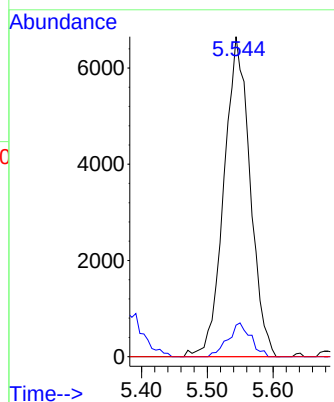
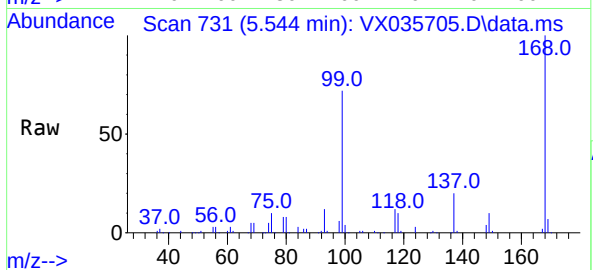




#36
1,1-Dichloropropene
Concen: 4.981 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX035705.D
Acq: 17 May 2023 10:06

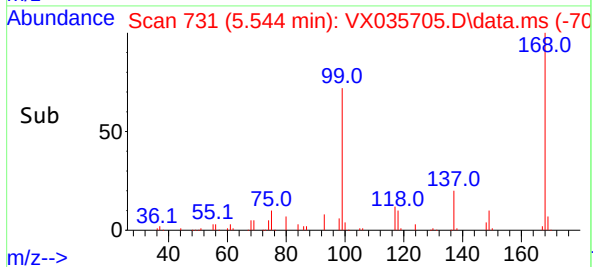
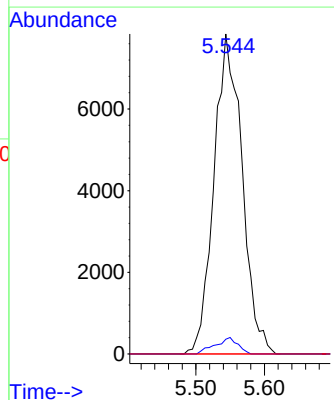
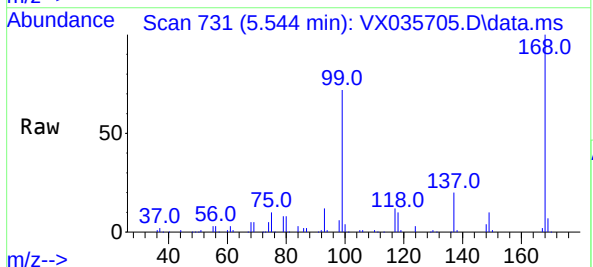
Instrument :
MSVOA_X
ClientSampleId :
VX0517MBL01

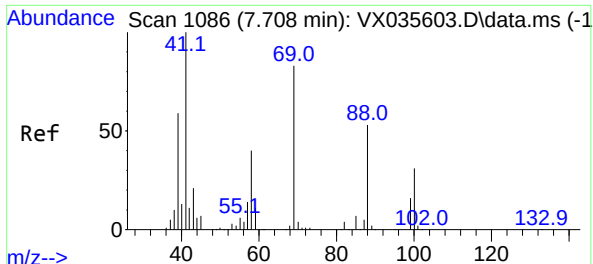
Tgt Ion: 75 Resp: 18388
Ion Ratio Lower Upper
75 100
110 9.2 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.364 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX035705.D
Acq: 17 May 2023 10:06

Tgt Ion: 117 Resp: 22252
Ion Ratio Lower Upper
117 100
119 4.6 76.6 114.8#
121 0.0 23.8 35.6#

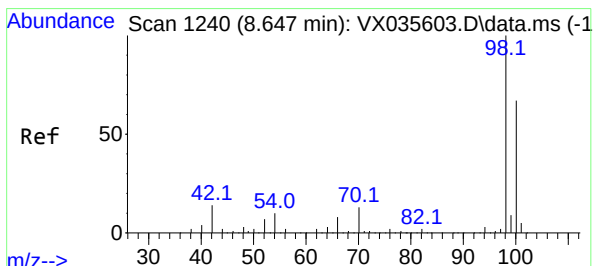
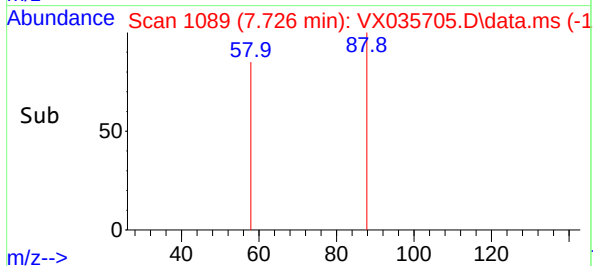
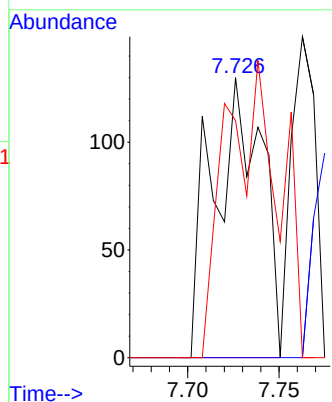
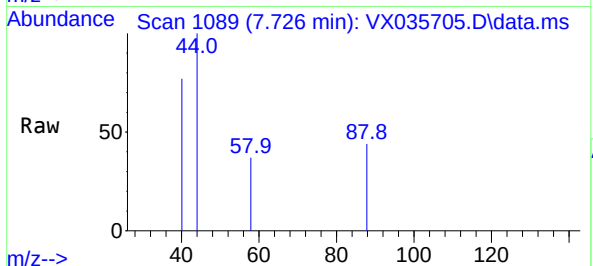




#49
1,4-Dioxane
Concen: 5.306 ug/l
RT: 7.726 min Scan# 1086
Delta R.T. 0.018 min
Lab File: VX035705.D
Acq: 17 May 2023 10:06

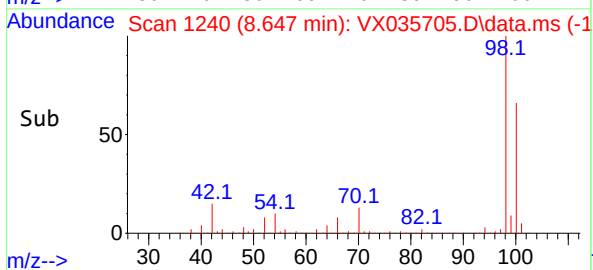
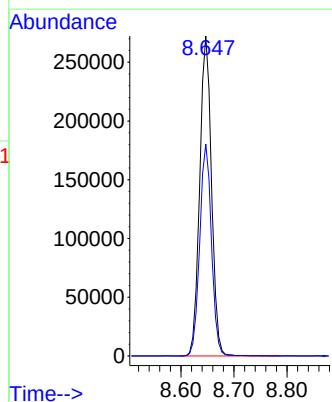
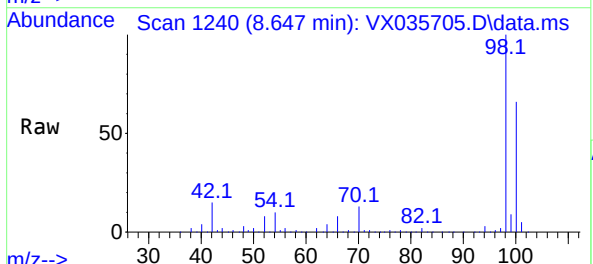
Instrument :
MSVOA_X
ClientSampleId :
VX0517MBL01

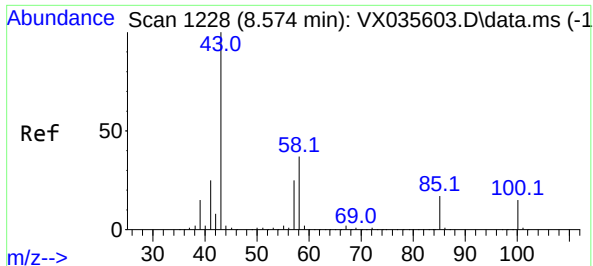
Tgt Ion: 88 Resp: 243
Ion Ratio Lower Upper
88 100
43 0.0 27.7 41.5#
58 54.7 56.8 85.2#



#50
Toluene-d8
Concen: 48.728 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035705.D
Acq: 17 May 2023 10:06

Tgt Ion: 98 Resp: 420970
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7

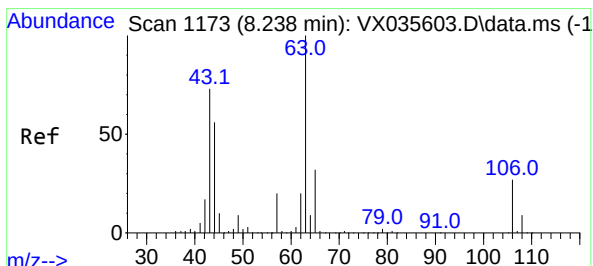
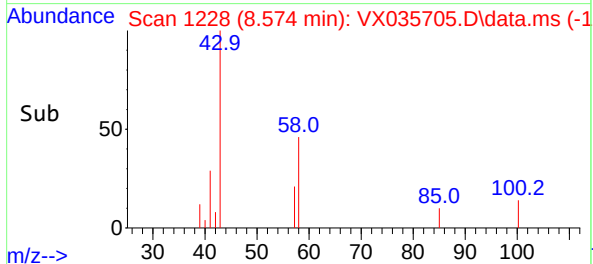
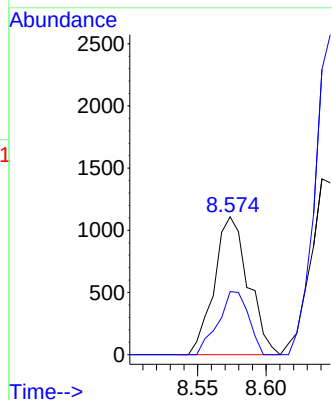
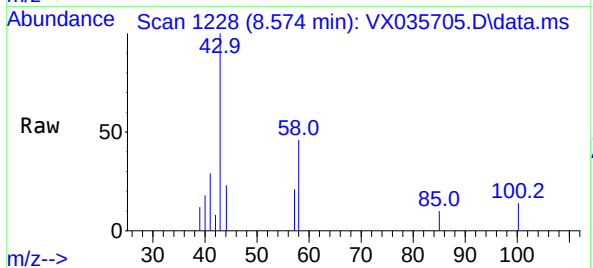




#51
4-Methyl-2-Pentanone
Concen: 0.497 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035705.D
Acq: 17 May 2023 10:06

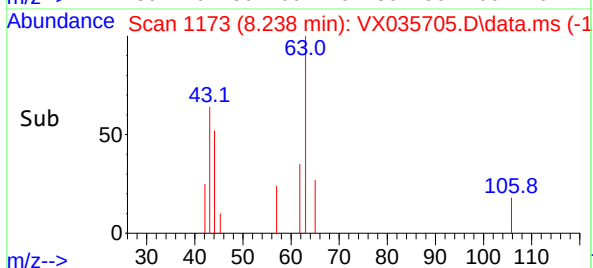
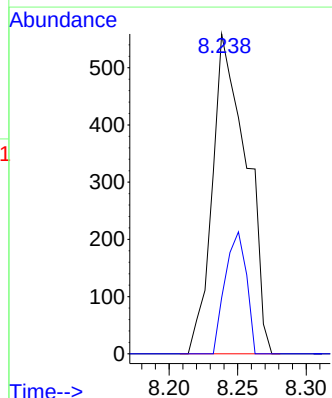
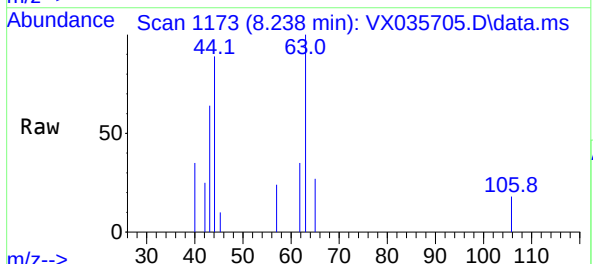
Instrument :
MSVOA_X
ClientSampleId :
VX0517MBL01

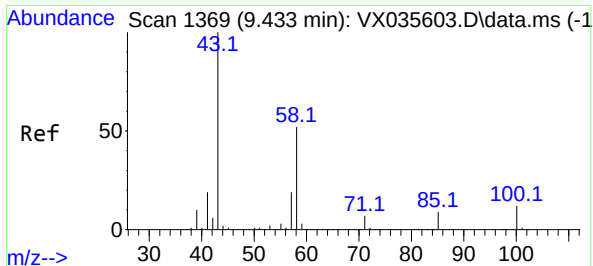
Tgt Ion: 43 Resp: 1922
Ion Ratio Lower Upper
43 100
58 40.6 30.6 46.0



#58
2-Chloroethyl Vinyl ether
Concen: 0.458 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX035705.D
Acq: 17 May 2023 10:06

Tgt Ion: 63 Resp: 966
Ion Ratio Lower Upper
63 100
106 23.7 22.2 33.2

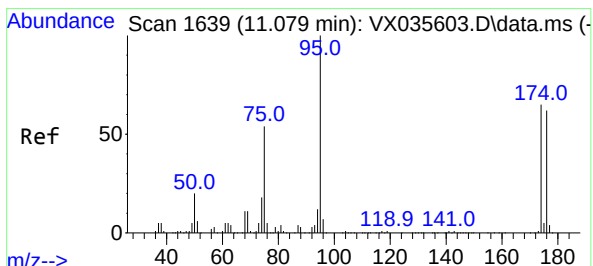
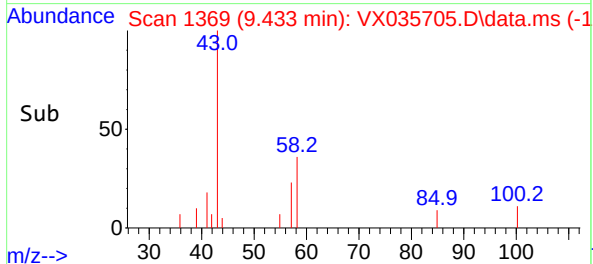
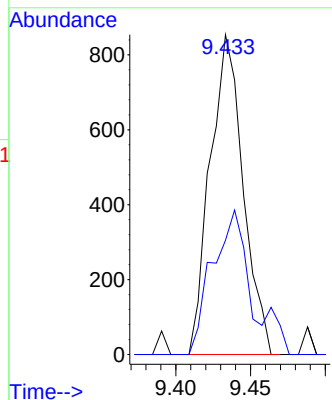
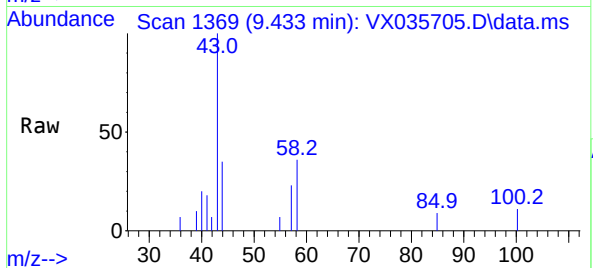




#59
2-Hexanone
Concen: 0.450 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX035705.D
Acq: 17 May 2023 10:06

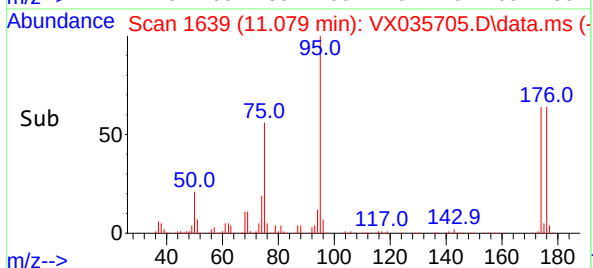
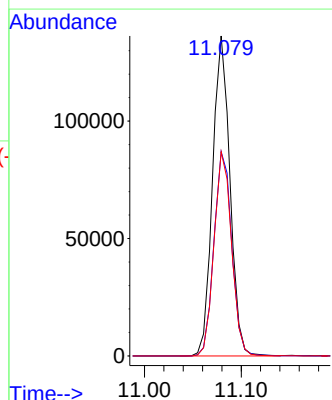
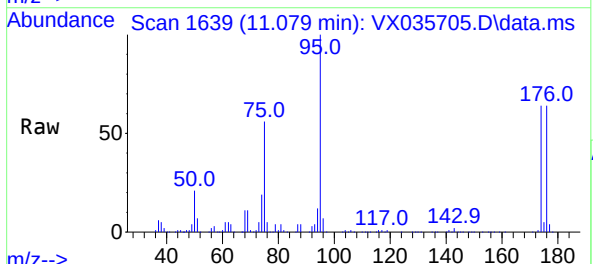
Instrument :
MSVOA_X
ClientSampleId :
VX0517MBL01

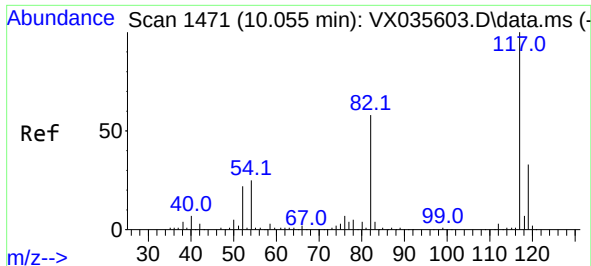
Tgt Ion: 43 Resp: 1311
Ion Ratio Lower Upper
43 100
58 53.5 26.3 78.9



#62
4-Bromofluorobenzene
Concen: 48.878 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035705.D
Acq: 17 May 2023 10:06

Tgt Ion: 95 Resp: 170022
Ion Ratio Lower Upper
95 100
174 65.4 0.0 147.4
176 64.3 0.0 140.6

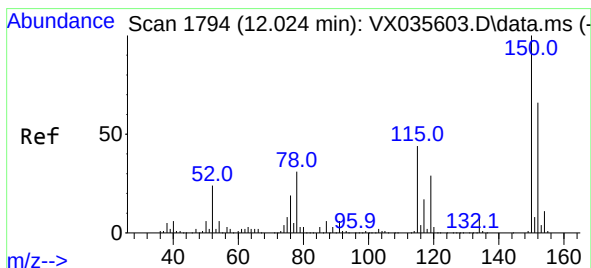
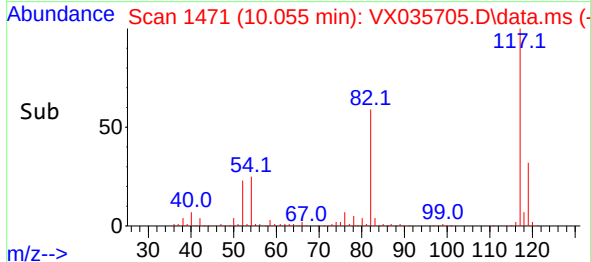
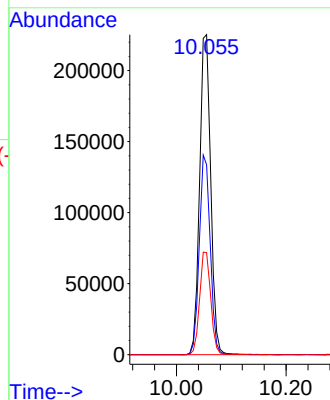
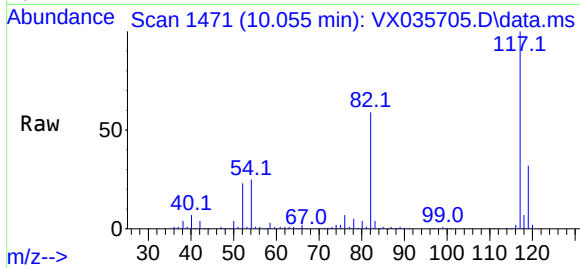




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035705.D
Acq: 17 May 2023 10:06

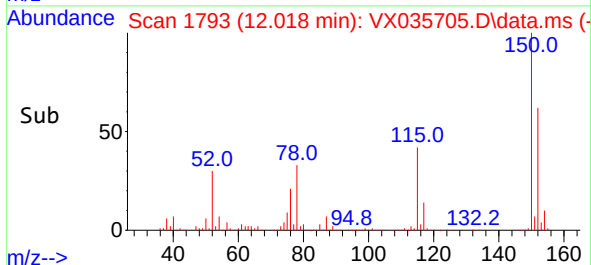
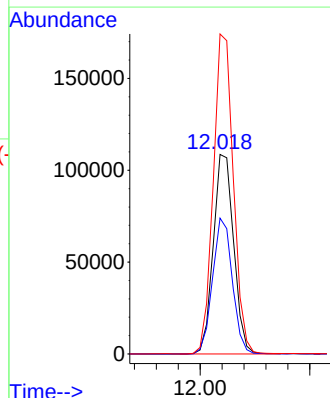
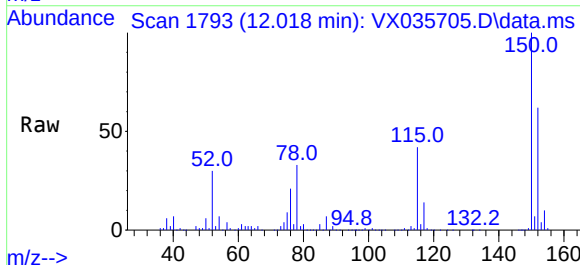
Instrument :
MSVOA_X
ClientSampleId :
VX0517MBL01

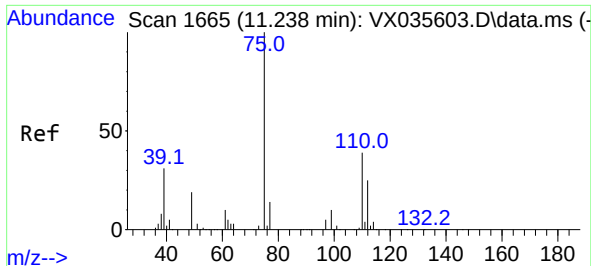
Tgt Ion:117 Resp: 317469
Ion Ratio Lower Upper
117 100
82 59.4 45.0 67.4
119 31.9 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX035705.D
Acq: 17 May 2023 10:06

Tgt Ion:152 Resp: 140381
Ion Ratio Lower Upper
152 100
115 66.0 45.0 135.0
150 158.1 0.0 352.4

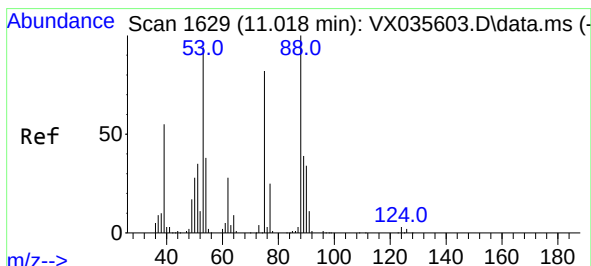
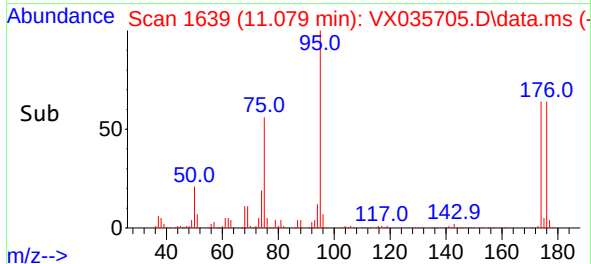
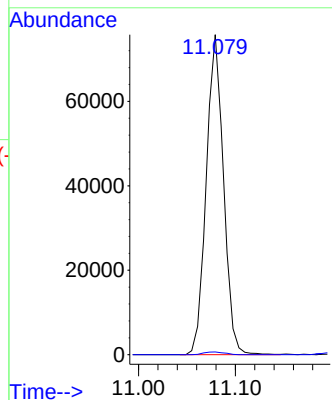
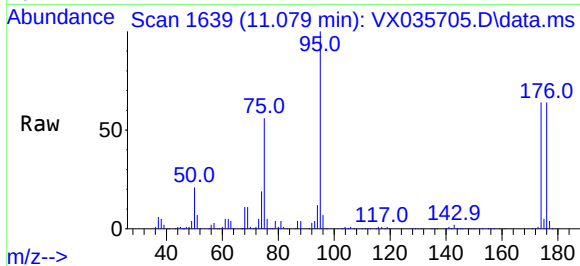




#76
1,2,3-Trichloropropane
Concen: 27.413 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035705.D
Acq: 17 May 2023 10:06

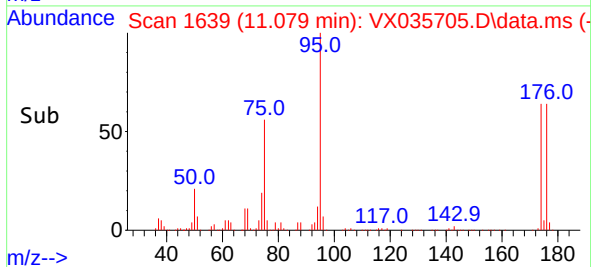
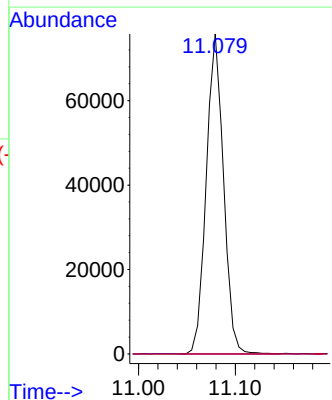
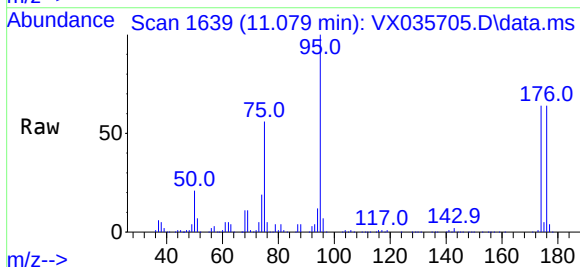
Instrument :
MSVOA_X
ClientSampleId :
VX0517MBL01

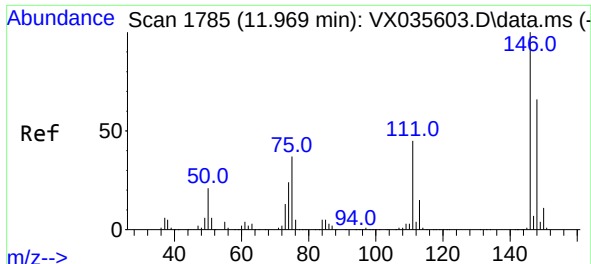
Tgt Ion: 75 Resp: 94130
Ion Ratio Lower Upper
75 100
77 1.0 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.348 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035705.D
Acq: 17 May 2023 10:06

Tgt Ion: 75 Resp: 94130
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#





#87

1,3-Dichlorobenzene

Concen: 0.210 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035705.D

Acq: 17 May 2023 10:06

Instrument :

MSVOA_X

ClientSampleId :

VX0517MBL01

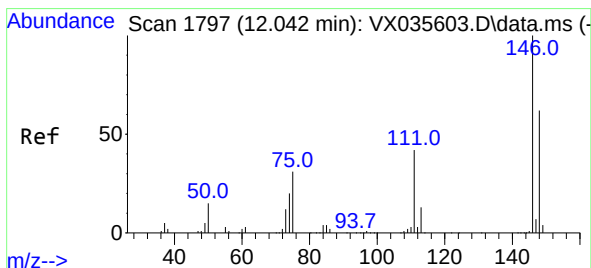
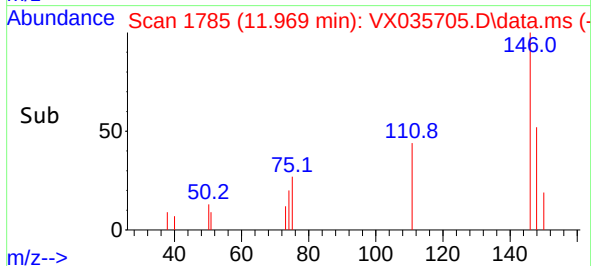
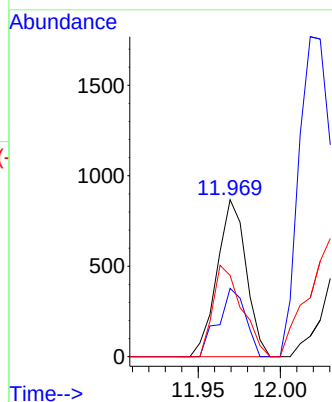
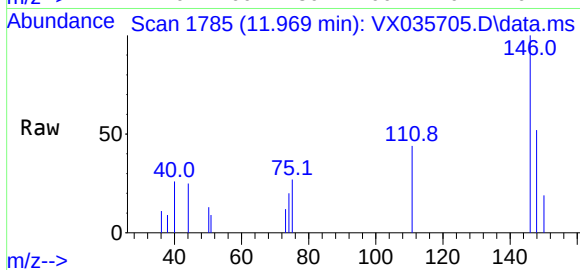
Tgt Ion:146 Resp: 1070

Ion Ratio Lower Upper

146 100

111 40.9 20.9 62.8

148 57.6 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 0.208 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.073 min

Lab File: VX035705.D

Acq: 17 May 2023 10:06

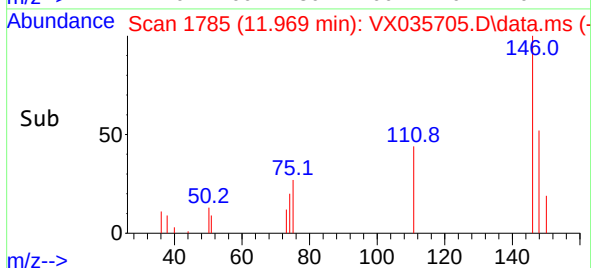
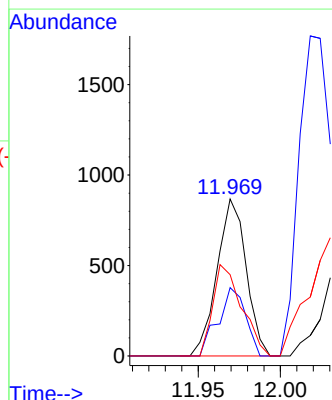
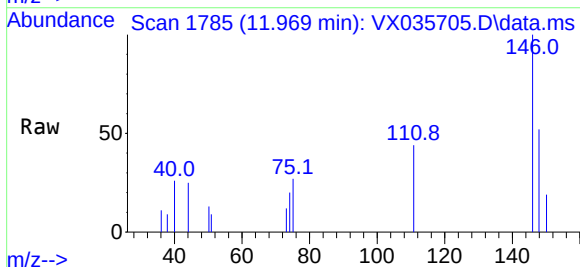
Tgt Ion:146 Resp: 1070

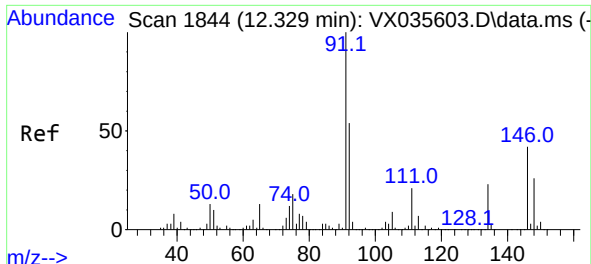
Ion Ratio Lower Upper

146 100

111 40.9 20.6 61.9

148 57.6 31.8 95.4





#89

n-Butylbenzene

Concen: 0.241 ug/l

RT: 12.335 min Scan# 1844

Delta R.T. 0.006 min

Lab File: VX035705.D

Acq: 17 May 2023 10:06

Instrument :

MSVOA_X

ClientSampleId :

VX0517MBL01

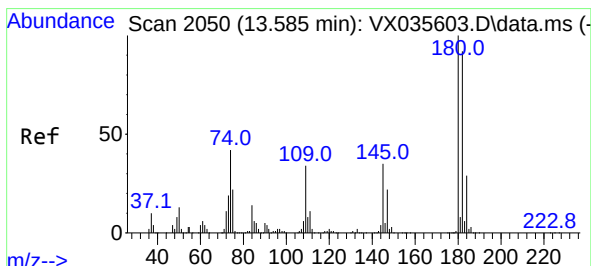
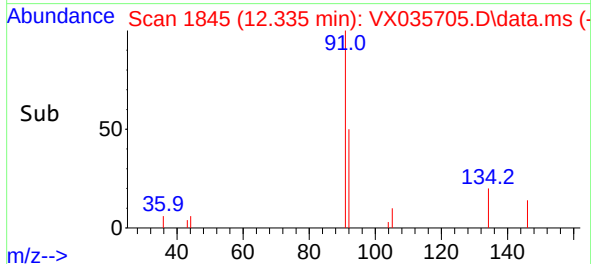
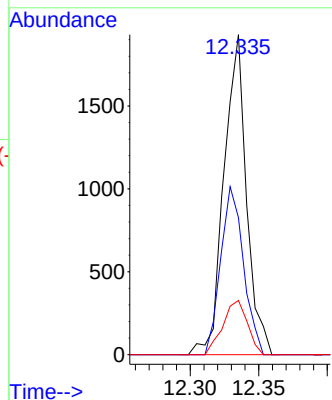
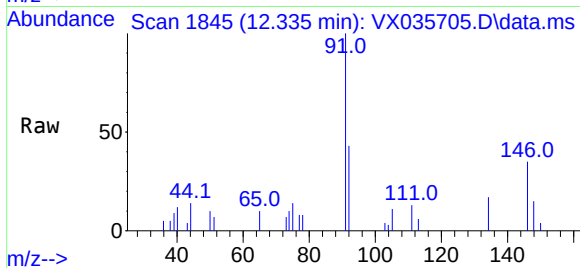
Tgt Ion: 91 Resp: 2209

Ion Ratio Lower Upper

91 100

92 53.0 27.7 83.0

134 18.5 13.0 38.9



#93

1,2,4-Trichlorobenzene

Concen: 0.435 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX035705.D

Acq: 17 May 2023 10:06

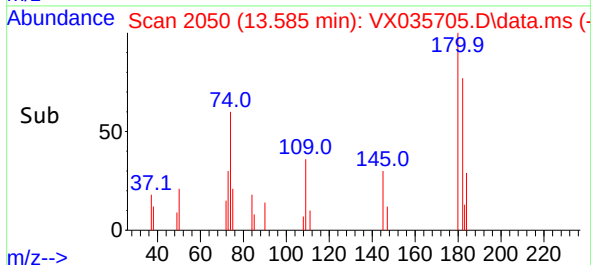
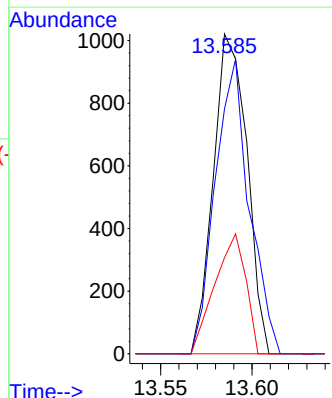
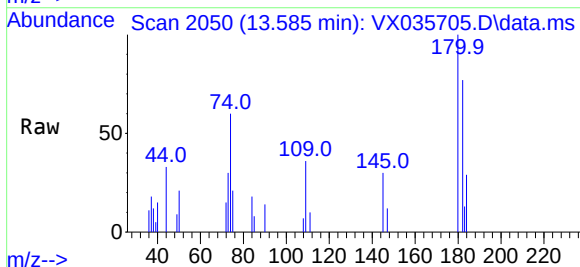
Tgt Ion:180 Resp: 1308

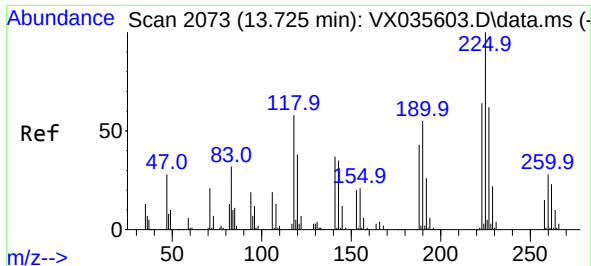
Ion Ratio Lower Upper

180 100

182 93.0 47.0 141.0

145 34.5 15.9 47.7

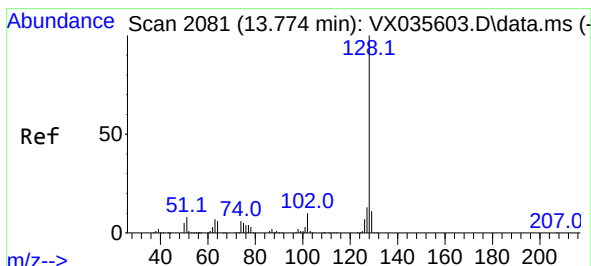
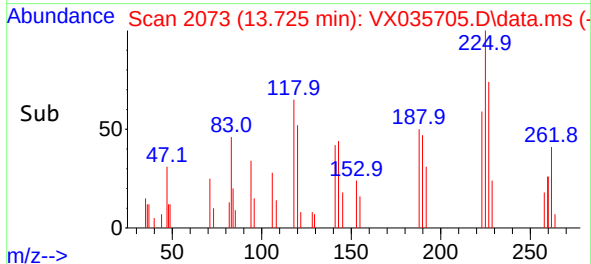
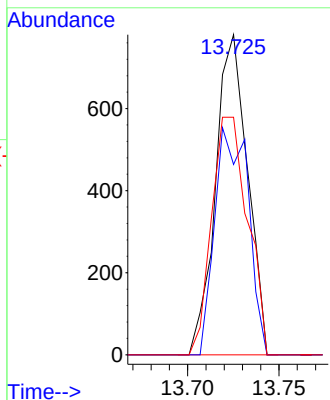
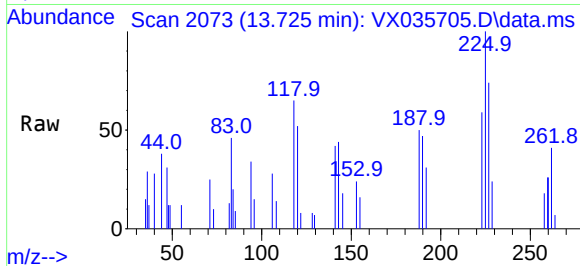




#94
Hexachlorobutadiene
Concen: 0.798 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035705.D
Acq: 17 May 2023 10:06

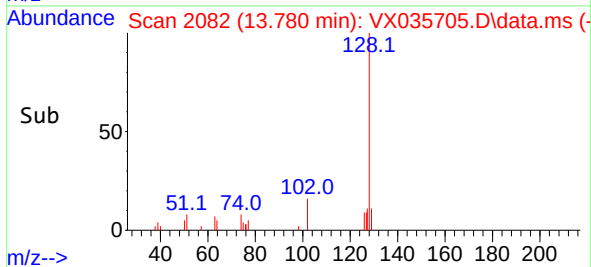
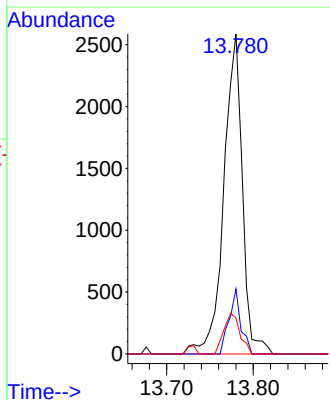
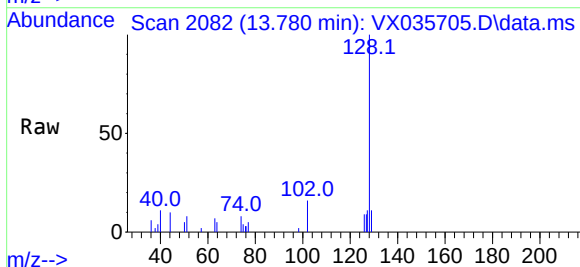
Instrument :
MSVOA_X
ClientSampleId :
VX0517MBL01

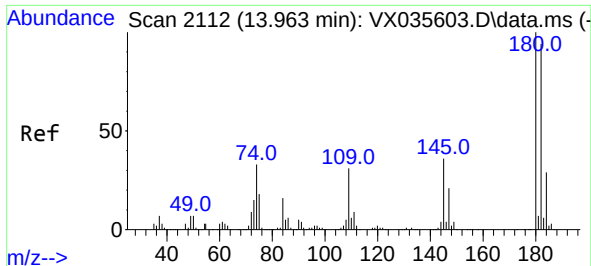
Tgt Ion	Ratio	Lower	Upper
225	100		
223	74.2	32.1	96.5
227	83.3	31.8	95.4



#95
Naphthalene
Concen: 0.374 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX035705.D
Acq: 17 May 2023 10:06

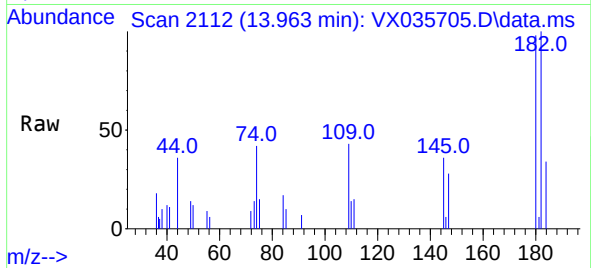
Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	11.0	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.420 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX035705.D
 Acq: 17 May 2023 10:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517MBL01



Tgt Ion:180	Resp:	1243
Ion	Ratio	Lower Upper
180	100	
182	97.5	48.0 144.2
145	39.4	17.7 53.1

